

TECHNIQUES FOR LOADING CLASS FILES INTO VIRTUAL MACHINES

5

ABSTRACT OF THE DISCLOSURE

Improved techniques for loading class files into virtual computing machines are disclosed. These techniques provide a mechanism that will generally improve the efficiency of virtual machines by selectively loading information into a virtual machine. As will be appreciated, this allows a better use of the resources of the virtual machine. This is especially effective in virtual machines that operate with limited memory resources (e.g., embedded systems). In one embodiment, class files suitable for loading into a virtual machine are initially loaded into a memory portion (e.g., heap memory). Then, information that is needed to be loaded into the virtual machine is selected. Finally, only the selected information is loaded into the virtual machine.